

Date:

Grade 7: Math

1.3: Multiplying and Dividing Fractions

- Multiplication Rule:

- Convert any mixed number to improper fraction.
- Multiply numerators.
- Multiply denominators

- Multiply.

1. $\frac{2}{7} \times \frac{5}{4}$

5. $\frac{1}{2} \times \frac{3}{7}$

9. $\frac{1}{2} \times \frac{5}{8}$

2. $\frac{2}{3} \times \frac{7}{3}$

6. $\frac{2}{3} \times \frac{5}{6}$

10. $5 \times \frac{5}{15}$

3. $\frac{5}{4} \times \frac{1}{10}$

7. $\frac{2}{7} \times 4$

11. $\frac{1}{5} \times \frac{3}{6}$

4. $\frac{1}{3} \times \frac{1}{2} \times \frac{1}{6}$

8. $\frac{3}{5} \times \frac{18}{25}$

12. $\frac{2}{7} \times 3$

- Division Rule (K.C.F)

- Keep the first fraction
- Change the division sign to multiplication
- Flip the top and bottom for the second fraction.

- Divide.

1. $\frac{2}{7} \div \frac{5}{4}$

5. $\frac{1}{2} \div \frac{3}{7}$

9. $\frac{1}{2} \div \frac{5}{8}$

2. $\frac{2}{3} \div \frac{7}{3}$

6. $\frac{2}{3} \div \frac{5}{6}$

10. $5 \div \frac{5}{15}$

3. $\frac{5}{4} \div \frac{1}{10}$

7. $\frac{2}{7} \div 4$

11. $\frac{1}{5} \div \frac{3}{6}$

4. $\frac{1}{3} \div \frac{1}{2}$

8. $\frac{3}{5} \div \frac{18}{25}$

12. $\frac{2}{7} \div 3$